

WEST Search History

DATE: Thursday, July 06, 2006

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB,USPT; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L18	L17 and beta\$4	20
<input type="checkbox"/>	L17	L16 and crystal\$7	20
<input type="checkbox"/>	L16	L15 and (gsk\$5 or (glycog\$4 same syntha\$4 same kinas\$4))	29
<input type="checkbox"/>	L15	(Harrison or hall or calderon\$8 or zhong or fang or coit or nguyen or medina\$7).in. and (polypept\$5 or protei\$4).clm.	1133
<input type="checkbox"/>	L14	(polypept\$5 or protei\$4).clm. and l13	21
		<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L13	L12 and beta\$4	38
<input type="checkbox"/>	L12	L11 and crystal\$6	38
<input type="checkbox"/>	L11	L9 and (trunc\$6 or varian\$6)	57
<input type="checkbox"/>	L10	l7 and (Harrison or hall or calderon\$8 or zhong or fang or coit or nguyen or medina\$7).in.	1
<input type="checkbox"/>	L9	L1 and (Harrison or hall or calderon\$8 or zhong or fang or coit or nguyen or medina\$7).in.	92
<input type="checkbox"/>	L8	l1 and chiron\$6.asn.	53
<input type="checkbox"/>	L7	L5 same crystal\$8	21
<input type="checkbox"/>	L6	l5 same cryst\$8	21
<input type="checkbox"/>	L5	l4 same beta\$4	416
<input type="checkbox"/>	L4	L3 same (huma\$4 or sapie\$4)	777
<input type="checkbox"/>	L3	gsk\$4 or (glycog\$4 same syntha\$4 same kinas\$4)	3004
<input type="checkbox"/>	L2	L1 same (human\$4 or sapie\$4)	796
<input type="checkbox"/>	L1	GSK\$4 OR (GLYCOG\$4 same SYNTH\$4 same KINASS\$4)	3327

END OF SEARCH HISTORY

=> d his full

(FILE 'HOME' ENTERED AT 15:01:56 ON 06 JUL 2006)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 15:02:15 ON 06 JUL 2006
SEA GSK? OR (GLYCOG? (S) SYNTH? (S) KINAS?)

59 FILE ADISCTI
142 FILE ADISINSIGHT
64 FILE ADISNEWS
143 FILE AGRICOLA
9 FILE ANABSTR
9 FILE ANTE
2 FILE AQUALINE
97 FILE AQUASCI
102 FILE BIOENG
4378 FILE BIOSIS
143 FILE BIOTECHABS
143 FILE BIOTECHDS
1285 FILE BIOTECHNO
277 FILE CABA
4317 FILE CAPLUS
5 FILE CEABA-VTB
794 FILE CIN
94 FILE CONFSCI
33 FILE DDFB
405 FILE DDFU
3508 FILE DGENE
249 FILE DISSABS
33 FILE DRUGB
1920 FILE DRUGMONOG2
600 FILE DRUGU
143 FILE EMBAL
3334 FILE EMBASE
2427 FILE ESBIODBASE
11 FILE FOMAD
7 FILE FROSTI
12 FILE FSTA
11420 FILE GENBANK
545 FILE IFIPAT
58 FILE IMSDRUGNEWS
88 FILE IMSPRODUCT
37 FILE IMSRESEARCH
158 FILE JICST-EPLUS
7 FILE KOSMET
1191 FILE LIFESCI
3411 FILE MEDLINE
28 FILE NTIS
22 FILE NUTRACEUT
8 FILE OCEAN
1252 FILE PASCAL
470 FILE PHAR
1009 FILE PHARMAML
27 FILE PHIC
1660 FILE PHIN
4368 FILE PROMT
815 FILE PROUSSDDR
1 FILE PS
4543 FILE SCISEARCH
19 FILE SYNTHLINE
1899 FILE TOXCENTER
2714 FILE USPATFULL
350 FILE USPAT2
1 FILE VETU
1 FILE WATER

526 FILE WPIDS
28 FILE WPIFV
526 FILE WPINDEX
13 FILE IPA
5 FILE NAPRALERT
1164 FILE NLDB
L1 QUE GSK? OR (GLYCOG? (S) SYNTH? (S) KINAS?)

D RANK

FILE 'SCISEARCH, BIOSIS, PROMT, CAPLUS, MEDLINE, EMBASE, USPATFULL,
ESBIOBASE, DRUGMONOG2, TOXCENTER' ENTERED AT 15:06:13 ON 06 JUL 2006
L2 33311 SEA GSK? OR (GLYCOG? (S) SYNTH? (S) KINAS?)
L3 3685 SEA L2 (S)(HUMA? OR SAPIE?)
L4 1732 SEA L3 (S)(BETA?)
L5 103 SEA L4 (S)(TRUNC? OR VARIAN?)
L6 14 SEA L5 (S) CRYST?
L7 14 DUP REM L6 (0 DUPLICATES REMOVED)
D TI L7 1-16
L8 70 SEA L4(S) CRYST?
L9 54 DUP REM L8 (16 DUPLICATES REMOVED)
D TI L9 1-54
D IBIB ABS L9 32 35 42 44 49 53

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1652dmr

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 4 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 5 MAY 10 CA/Capplus enhanced with 1900-1906 U.S. patent records
NEWS 6 MAY 11 KOREAPAT updates resume
NEWS 7 MAY 19 Derwent World Patents Index to be reloaded and enhanced
NEWS 8 MAY 30 IPC 8 Rolled-up Core codes added to CA/Capplus and
USPATFULL/USPAT2
NEWS 9 MAY 30 The F-Term thesaurus is now available in CA/Capplus
NEWS 10 JUN 02 The first reclassification of IPC codes now complete in
INPADOC
NEWS 11 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
and display fields
NEWS 12 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* Due to scheduled maintenance of STN on Sunday, July 9, 2006, *
* some databases may not be available until 04:00 (4:00 AM) *
* Eastern Daylight Time. *

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:01:56 ON 06 JUL 2006

=> index bioscience medicine

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 15:02:15 ON 06 JUL 2006

71 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s gsk? or (glycog? (s) synth? (s) kinas?)

59	FILE ADISCTI
142	FILE ADISINSIGHT
64	FILE ADISNEWS
143	FILE AGRICOLA
9	FILE ANABSTR
9	FILE ANTE
2	FILE AQUALINE
97	FILE AQUASCI
102	FILE BIOENG
4378	FILE BIOSIS
143	FILE BIOTECHABS
143	FILE BIOTECHDS
1285	FILE BIOTECHNO
277	FILE CABA
4317	FILE CAPLUS
5	FILE CEABA-VTB

16 FILES SEARCHED...

794	FILE CIN
94	FILE CONFSCI
33	FILE DDFB
405	FILE DDFU

22 FILES SEARCHED...

3508	FILE DGENE
249	FILE DISSABS
33	FILE DRUGB
1920	FILE DRUGMONOG2
600	FILE DRUGU

27 FILES SEARCHED...

143	FILE EMBAL
3334	FILE EMBASE
2427	FILE ESBIODBASE
11	FILE FOMAD
7	FILE FROSTI
12	FILE FSTA
11420	FILE GENBANK
545	FILE IFIPAT
58	FILE IMSDRUGNEWS
88	FILE IMSPRODUCT
37	FILE IMSRESEARCH
158	FILE JICST-EPLUS
7	FILE KOSMET
1191	FILE LIFESCI
3411	FILE MEDLINE
28	FILE NTIS
22	FILE NUTRACEUT
8	FILE OCEAN
1252	FILE PASCAL

48 FILES SEARCHED...

470	FILE PHAR
1009	FILE PHARMAML
27	FILE PHIC
1660	FILE PHIN
4368	FILE PROMT

815 FILE PROUSDDR
 1 FILE PS
 4543 FILE SCISEARCH
 19 FILE SYNTHLINE
 1899 FILE TOXCENTER
 2714 FILE USPATFULL
 350 FILE USPAT2
 1 FILE VETU
 1 FILE WATER
 65 FILES SEARCHED...
 526 FILE WPIDS
 28 FILE WPIFV
 526 FILE WPINDEX
 13 FILE IPA
 5 FILE NAPRALERT
 1164 FILE NLDB

64 FILES HAVE ONE OR MORE ANSWERS, 71 FILES SEARCHED IN STNINDEX

L1 QUE GSK? OR (GLYCOG? (S) SYNTH? (S) KINAS?)

=> d rank

F1	11420	GENBANK
F2	4543	SCISEARCH
F3	4378	BIOSIS
F4	4368	PROMT
F5	4317	CAPLUS
F6	3508	DGENE
F7	3411	MEDLINE
F8	3334	EMBASE
F9	2714	USPATFULL
F10	2427	ESBIOBASE
F11	1920	DRUGMONOG2
F12	1899	TOXCENTER
F13	1660	PHIN
F14	1285	BIOTECHNO
F15	1252	PASCAL
F16	1191	LIFESCI
F17	1164	NLDB
F18	1009	PHARMAML
F19	815	PROUSDDR
F20	794	CIN
F21	600	DRUGU
F22	545	IFIPAT
F23	526	WPIDS
F24	526	WPINDEX
F25	470	PHAR
F26	405	DDFU
F27	350	USPAT2
F28	277	CABA
F29	249	DISSABS
F30	158	JICST-EPLUS
F31	143	AGRICOLA
F32	143	BIOTECHABS
F33	143	BIOTECHDS
F34	143	EMBAL
F35	142	ADISINSIGHT
F36	102	BIOENG
F37	97	AQUASCI
F38	94	CONFSCI
F39	88	IMSPRODUCT
F40	64	ADISNEWS
F41	59	ADISCTI
F42	58	IMS DRUGNEWS
F43	37	IMSRESEARCH

F44	33	DDFB
F45	33	DRUGB
F46	28	NTIS
F47	28	WPIFV
F48	27	PHIC
F49	22	NUTRACEUT
F50	19	SYNTHLINE
F51	13	IPA
F52	12	FSTA
F53	11	FOMAD
F54	9	ANABSTR
F55	9	ANTE
F56	8	OCEAN
F57	7	FROSTI
F58	7	KOSMET
F59	5	CEABA-VTB
F60	5	NAPRALERT
F61	2	AQUALINE
F62	1	PS
F63	1	VETU
F64	1	WATER

=> file f2-f5, f7-f12

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

4.27

4.48

FILE 'SCISEARCH' ENTERED AT 15:06:13 ON 06 JUL 2006

Copyright (c) 2006 The Thomson Corporation

FILE 'BIOSIS' ENTERED AT 15:06:13 ON 06 JUL 2006

Copyright (c) 2006 The Thomson Corporation

FILE 'PROMT' ENTERED AT 15:06:13 ON 06 JUL 2006

COPYRIGHT (C) 2006 Gale Group. All rights reserved.

FILE 'CAPLUS' ENTERED AT 15:06:13 ON 06 JUL 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 15:06:13 ON 06 JUL 2006

FILE 'EMBASE' ENTERED AT 15:06:13 ON 06 JUL 2006

Copyright (c) 2006 Elsevier B.V. All rights reserved.

FILE 'USPATFULL' ENTERED AT 15:06:13 ON 06 JUL 2006

CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'ESBIOBASE' ENTERED AT 15:06:13 ON 06 JUL 2006

COPYRIGHT (C) 2006 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'DRUGMONOG2' ENTERED AT 15:06:13 ON 06 JUL 2006

COPYRIGHT (C) 2006 IMSWORLD Publications Ltd

FILE 'TOXCENTER' ENTERED AT 15:06:13 ON 06 JUL 2006

COPYRIGHT (C) 2006 ACS

=> s gsk? or (glycog? (s) synth? (s) kinas?)

L2 33311 GSK? OR (GLYCOG? (S) SYNTH? (S) KINAS?)

=> s l2 (s) (huma? or sapie?)

L3 3685 L2 (S) (HUMA? OR SAPIE?)

```

=> s 13 (s) (beta?)
L4      1732 L3 (S) (BETA?)

=> s 14 (s) (trunc? or varian?)
L5      103 L4 (S) (TRUNC? OR VARIAN?)

=> s 15 (s) cryst?
L6      14 L5 (S) CRYST?

=> dup rem 16
DUPLICATE IS NOT AVAILABLE IN 'DRUGMONOG2'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L6
L7      14 DUP REM L6 (0 DUPLICATES REMOVED)

=> d ti 17 1-16

L7      ANSWER 1 OF 14  USPATFULL on STN
TI      Non-steroidal farnesoid x receptor modulators and methods for the use
        thereof

L7      ANSWER 2 OF 14  USPATFULL on STN
TI      Identification of novel factors that block programmed cell death or
        apoptosis by targeting JNK

L7      ANSWER 3 OF 14  USPATFULL on STN
TI      Identification of novel factors that block programmed cell death or
        apoptosis by targeting JNK

L7      ANSWER 4 OF 14  USPATFULL on STN
TI      Coupled two-way clustering analysis of data .

L7      ANSWER 5 OF 14  USPATFULL on STN
TI      Novel methods of diagnosis of metastatic cancer, compositions and
        methods of screening for modulators of metastatic cancer

L7      ANSWER 6 OF 14  USPATFULL on STN
TI      Electromagnetic activation of gene expression and cell growth

L7      ANSWER 7 OF 14  USPATFULL on STN
TI      Methods for identifying and using maintenance genes

L7      ANSWER 8 OF 14  USPATFULL on STN
TI      Methods for identifying and using maintenance genes

L7      ANSWER 9 OF 14  USPATFULL on STN
TI      Targets for therapeutic intervention identified in the mitochondrial
        proteome

L7      ANSWER 10 OF 14  USPATFULL on STN
TI      Novel compounds

L7      ANSWER 11 OF 14  USPATFULL on STN
TI      Gene expression in bladder tumors

L7      ANSWER 12 OF 14  USPATFULL on STN
TI      Breast cancer progression signatures

L7      ANSWER 13 OF 14  USPATFULL on STN
TI      Nucleic acid sequences associated with baldness

L7      ANSWER 14 OF 14  Elsevier BIOBASE  COPYRIGHT 2006 Elsevier Science B.V.
        on STN
TI      Structural basis of the Axin-adenomatous polyposis coli interaction

```


=> s 14(s)cryst?

L8 70 L4(S) CRYST?

=> dup rem 18

DUPLICATE IS NOT AVAILABLE IN 'DRUGMONOG2'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L8

L9 54 DUP REM L8 (16 DUPLICATES REMOVED)

=> d ti 19 1-54

L9 ANSWER 1 OF 54 USPATFULL on STN

TI Non-steroidal farnesoid x receptor modulators and methods for the use thereof

L9 ANSWER 2 OF 54 USPATFULL on STN

TI Pi3k antagonists as radiosensitizers

L9 ANSWER 3 OF 54 USPATFULL on STN

TI Glycogen synthase kinase-3 inhibitors

L9 ANSWER 4 OF 54 USPATFULL on STN

TI Dual expression vector system and screening methods

L9 ANSWER 5 OF 54 USPATFULL on STN

TI Identification of tissue/cell specific marker genes and use thereof

L9 ANSWER 6 OF 54 SCISEARCH COPYRIGHT (c) 2006 The Thomson Corporation on
STN DUPLICATE 1

TI Triazolo[1,5-a]pyrimidines as novel CDK2 inhibitors: Protein
structure-guided design and SAR

L9 ANSWER 7 OF 54 CAPLUS COPYRIGHT 2006 ACS on STN

TI Crystal structure of human protein kinase Akt-1 catalytic domain and use
in structure-based drug design

L9 ANSWER 8 OF 54 CAPLUS COPYRIGHT 2006 ACS on STN

TI Crystal structure of human PIM-1 kinase and use of structural information
for preparation of molecular scaffolds for kinase ligand development and
pharmaceutical applications

L9 ANSWER 9 OF 54 USPATFULL on STN

TI Identification of novel factors that block programmed cell death or
apoptosis by targeting JNK

L9 ANSWER 10 OF 54 USPATFULL on STN

TI Identification of novel factors that block programmed cell death or
apoptosis by targeting JNK

L9 ANSWER 11 OF 54 USPATFULL on STN

TI Coupled two-way clustering analysis of data .

L9 ANSWER 12 OF 54 USPATFULL on STN

TI AMP-activated protein kinase (AMPK) inhibitor screening assay

L9 ANSWER 13 OF 54 USPATFULL on STN

TI Method of detecting and treating tuberous sclerosis complex associated
disorders

L9 ANSWER 14 OF 54 USPATFULL on STN

TI Novel methods of diagnosis of metastatic cancer, compositions and
methods of screening for modulators of metastatic cancer

L9 ANSWER 15 OF 54 USPATFULL on STN

TI Catalytic efficiency and/or specificity of non-native substrates of enzymes

L9 ANSWER 16 OF 54 USPATFULL on STN
 TI Single nucleotide polymorphisms predicting adverse drug reactions and medication efficacy

L9 ANSWER 17 OF 54 USPATFULL on STN
 TI Stabilized proteins

L9 ANSWER 18 OF 54 USPATFULL on STN
 TI Electromagnetic activation of gene expression and cell growth

L9 ANSWER 19 OF 54 USPATFULL on STN
 TI Methods for identifying and using maintenance genes

L9 ANSWER 20 OF 54 USPATFULL on STN
 TI Methods for identifying and using maintenance genes

L9 ANSWER 21 OF 54 USPATFULL on STN
 TI Characterization of the gsk-3beta protein and methods of use thereof

L9 ANSWER 22 OF 54 USPATFULL on STN
 TI Targets for therapeutic intervention identified in the mitochondrial proteome

L9 ANSWER 23 OF 54 USPATFULL on STN
 TI Novel compounds

L9 ANSWER 24 OF 54 USPATFULL on STN
 TI Methods of diagnosis of bladder cancer, compositions and methods of screening for modulators of bladder cancer

L9 ANSWER 25 OF 54 USPATFULL on STN
 TI Gene expression in bladder tumors

L9 ANSWER 26 OF 54 USPATFULL on STN
 TI Breast cancer progression signatures

L9 ANSWER 27 OF 54 USPATFULL on STN
 TI Single nucleotide polymorphisms in genes

L9 ANSWER 28 OF 54 USPATFULL on STN
 TI DNA array sequence selection

L9 ANSWER 29 OF 54 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 2
 TI Structural insight into nucleotide recognition in tau-protein kinase I/glycogen synthase kinase 3β

L9 ANSWER 30 OF 54 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 3
 TI Plasmodium falciparum glycogen synthase kinase-3: molecular model, expression, intracellular localization and selective inhibitors

L9 ANSWER 31 OF 54 Elsevier BIOBASE COPYRIGHT 2006 Elsevier Science B.V. on STN
 TI Intrasteric control of AMPK via the γ.sub.1 subunit AMP allosteric regulatory site

L9 ANSWER 32 OF 54 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Crystal structure of human glycogen synthase kinase 3β (GSK3. beta.) ternary complex and use of the GSK3. beta . three-dimensional structure for drug discovery

L9 ANSWER 33 OF 54 USPATFULL on STN

TI Anti-aging nucleic acid and protein targets

L9 ANSWER 34 OF 54 USPATFULL on STN

TI Methods and compositions for diagnosing and treating rheumatoid arthritis

L9 ANSWER 35 OF 54 USPATFULL on STN

TI Inhibitors of GSK-3 and crystal structures of GSK-3 protein and protein complexes

L9 ANSWER 36 OF 54 USPATFULL on STN

TI Method of detecting and treating Tuberous Sclerosis Complex associated disorders

L9 ANSWER 37 OF 54 USPATFULL on STN

TI Blood assessment of injury

L9 ANSWER 38 OF 54 USPATFULL on STN

TI Basal cell markers in breast cancer and uses thereof

L9 ANSWER 39 OF 54 USPATFULL on STN

TI Human genes and gene expression products

L9 ANSWER 40 OF 54 USPATFULL on STN

TI Particles with improved solubilization capacity

L9 ANSWER 41 OF 54 Elsevier BIOBASE COPYRIGHT 2006 Elsevier Science B.V. on STN

TI Structural Insights and Biological Effects of Glycogen Synthase Kinase 3-specific Inhibitor AR-A014418

L9 ANSWER 42 OF 54 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 4

TI Crystal structure of human glycogen synthase kinase 3 β (GSK-3. beta.) and GSK-3 β complexed with a peptide and application to drug design

L9 ANSWER 43 OF 54 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of 3-aminopyrazolo[3,4-c]pyridazines as inhibitors of glycogen synthase kinase-3 and crystal structures of gsk-3 β protein and protein complexes

L9 ANSWER 44 OF 54 CAPLUS COPYRIGHT 2006 ACS on STN

TI Crystallization and crystal structure of human glycogen synthase kinase 3 β protein and methods of use thereof

L9 ANSWER 45 OF 54 USPATFULL on STN

TI Nucleic acid sequences associated with baldness

L9 ANSWER 46 OF 54 USPATFULL on STN

TI Gene expression profiles in liver cancer

L9 ANSWER 47 OF 54 USPATFULL on STN

TI Expressed sequences of arabidopsis thaliana

L9 ANSWER 48 OF 54 USPATFULL on STN

TI Expressed sequences of arabidopsis thaliana

L9 ANSWER 49 OF 54 PROMT COPYRIGHT 2006 Gale Group on STN

TI Vertex Researchers Solve 3-D Atomic Structure of GSK3 beta Enzyme, Potential Target for New Diabetes Treatments.

L9 ANSWER 50 OF 54 PROMT COPYRIGHT 2006 Gale Group on STN

TI [0] Manufacturers.

L9 ANSWER 51 OF 54 SCISEARCH COPYRIGHT (c) 2006 The Thomson Corporation on
STN DUPLICATE 5

TI Crystal structure of glycogen synthase kinase 3 beta: Structural basis for
phosphate-primed substrate specificity and autoinhibition

L9 ANSWER 52 OF 54 Elsevier BIOBASE COPYRIGHT 2006 Elsevier Science B.V.
on STN

TI Structural basis of the Axin-adenomatous polyposis coli interaction

L9 ANSWER 53 OF 54 SCISEARCH COPYRIGHT (c) 2006 The Thomson Corporation on
STN DUPLICATE 6

TI Expression, purification and crystallization of human
tau-protein kinase I/glycogen synthase
kinase-3 beta

L9 ANSWER 54 OF 54 Elsevier BIOBASE COPYRIGHT 2006 Elsevier Science B.V.
on STN

TI Inhibition of cyclin-dependent kinases, GSK-3 β and CK1 by
hymenialdisine, a marine sponge constituent

=> d ibib abs 19 32 35 42 44 49 53

L9 ANSWER 32 OF 54 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:656890 CAPLUS

DOCUMENT NUMBER: 139:193628

TITLE: Crystal structure of human
glycogen synthase kinase
3 β (GSK3 β)
ternary complex and use of the GSK3.
beta. three-dimensional structure for drug
discovery

INVENTOR(S): Bussiere, Dirksen E.; Le Vincent, P.

PATENT ASSIGNEE(S): Chiron Corporation, USA

SOURCE: PCT Int. Appl., 337 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003068932	A2	20030821	WO 2003-US4456	20030211
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
JP 2005532265	T2	20051027	JP 2003-568047	20030211
PRIORITY APPLN. INFO.:			US 2002-355916P	P 20020211
			WO 2003-US4456	W 20030211

AB The invention provides the three-dimensional structure of a construct of
human glycogen synthase kinase 3 (GSK3); crystals of a ternary GSK3 complex
including a construct of human glycogen
synthase kinase 3- β (GSK3-.

beta.) containing the protein's catalytic kinase domain, ADP and a phosphorylated peptide. The invention also provides a method for crystallizing the protein construct to provide a GSK3 crystal sufficient for structure determination; and a method for using the GSK3 construct's three-dimensional structure for the identification of possible therapeutic compds. in the treatment of various disease conditions mediated by GSK3 activity.

L9 ANSWER 35 OF 54 USPATFULL on STN

ACCESSION NUMBER: 2003:181499 USPATFULL
TITLE: Inhibitors of GSK-3 and crystal structures of GSK-3 protein and protein complexes
INVENTOR(S): Haar, Ernst ter, Roslindale, MA, UNITED STATES
Swenson, Lovorka, Belmont, MA, UNITED STATES
Green, Jeremy, Burlington, MA, UNITED STATES
Arnost, Michael J., North Andover, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003125332	A1	20030703
APPLICATION INFO.:	US 2002-135255	A1	20020429 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-287366P	20010430 (60)
	US 2002-361899P	20020227 (60)
	US 2001-297094P	20010608 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	James F. Haley, Jr., FISH & NEAVE, 1251 Avenue of the Americas, New York, NY, 10020-1104	
NUMBER OF CLAIMS:	66	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	604 Drawing Page(s)	
LINE COUNT:	4178	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to inhibitors of GSK-3 and methods for producing these inhibitors. The invention also provides pharmaceutical compositions comprising the inhibitors and methods of utilizing those compositions in the treatment and prevention of various disorders, such as diabetes and Alzheimer's disease. In addition, the invention relates to molecules or molecular complexes which comprise binding pockets of GSK-3 β or its homologues. The invention relates to a computer comprising a data storage medium encoded with the structure coordinates of such binding pockets. The invention also relates to methods of using the structure coordinates to solve the structure of homologous proteins or protein complexes. The invention relates to methods of using the structure coordinates to screen for and design compounds that bind to GSK-3 β protein or homologues thereof. The invention also relates to crystallizable compositions and crystals comprising GSK-3 β protein or GSK-3 β protein complexes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 42 OF 54 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 4

ACCESSION NUMBER: 2002:487726 CAPLUS
DOCUMENT NUMBER: 137:59515
TITLE: Crystal structure of human glycogen synthase kinase 3 β (GSK-3 β) and GSK-3 β complexed with a peptide and application to drug design
INVENTOR(S): Bax, Benjamin; Brown, Murray; Reith, Alastair
PATENT ASSIGNEE(S): Smithkline Beecham P.L.C., UK
SOURCE: PCT Int. Appl., 327 pp.

DOCUMENT TYPE: CODEN: PIXXD2
 LANGUAGE: Patent
 FAMILY ACC. NUM. COUNT: English
 PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002050254	A2	20020627	WO 2001-GB5632	20011218
WO 2002050254	A3	20030123		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002022274	A5	20020701	AU 2002-22274	20011218
PRIORITY APPLN. INFO.:			GB 2000-30846	A 20001218
			GB 2001-19796	A 20010814
			WO 2001-GB5632	W 20011218

AB A human glycogen synthase kinase 3
 (GSK-3), particularly the beta form (GSK-
 beta.) is disclosed in crystalline form. Atomic coordinates and
 their use in the design or selection of inhibitors and activators of GSK-3
 is disclosed. A complex of GSK-3 β with FRAT-tide is also disclosed.
 Machine readable data carriers and computer systems together with methods
 for rational drug design are also provided.

L9 ANSWER 44 OF 54 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:240954 CAPLUS
 DOCUMENT NUMBER: 136:275370
 TITLE: Crystallization and crystal
 structure of human glycogen
 synthase kinase 3 β
 protein and methods of use thereof
 INVENTOR(S): Bussiere, Dirksen E.; He, Min; Le, Vincent P.; Jansen,
 Johanna M.; Chin, S. Michael; Martin, Eric
 PATENT ASSIGNEE(S): Chiron Corporation, USA
 SOURCE: PCT Int. Appl., 200 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002024893	A2	20020328	WO 2001-US29549	20010919
WO 2002024893	A3	20030904		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001092906	A5	20020402	AU 2001-92906	20010919
EP 1360286	A2	20031112	EP 2001-973313	20010919
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR	
JP 2004533597	T2	20041104 JP 2002-529488 20010919
CN 1748026	A	20060315 CN 2001-815782 20010919
US 2004101907	A1	20040527 US 2003-450422 20031211
PRIORITY APPLN. INFO.:		US 2000-233538P P 20000919
		WO 2001-US29549 W 20010919

AB The invention provides the three-dimensional structure of a construct of human glycogen synthase kinase 3 (GSK3); crystals of a construct of human glycogen synthase kinase 3- β (GSK3- β); containing the protein's catalytic kinase domain; a domain for crystallizing the protein construct to provide a GSK3 crystal sufficient for structure determination; and a method for using the GSK3 construct's three dimensional structure for the identification of possible therapeutic compds. in the treatment of various disease conditions mediated by GSK3 activity.

L9 ANSWER 49 OF 54 PROMT COPYRIGHT 2006 Gale Group on STN

ACCESSION NUMBER: 2001:490608 PROMT
 TITLE: Vertex Researchers Solve 3-D Atomic Structure of GSK3 beta Enzyme, Potential Target for New Diabetes Treatments.
 SOURCE: PR Newswire, (27 Jun 2001) pp. 1150.
 PUBLISHER: PR Newswire Association, Inc.
 DOCUMENT TYPE: Newsletter
 LANGUAGE: English
 WORD COUNT: 1122
 FULL TEXT IS AVAILABLE IN THE ALL FORMAT

AB -- Report in Nature Structural Biology --
 THIS IS THE FULL TEXT: COPYRIGHT 2001 PR Newswire Association, Inc.

L9 ANSWER 53 OF 54 SCISEARCH COPYRIGHT (c) 2006 The Thomson Corporation on STN DUPLICATE 6

ACCESSION NUMBER: 2000:891342 SCISEARCH
 THE GENUINE ARTICLE: 374FX
 TITLE: Expression, purification and crystallization of human tau-protein kinase I/ glycogen synthase kinase-3 beta
 AUTHOR: Aoki M; Iwamoto-Sugai M; Sugiura I; Sasaki C; Hasegawa T; Okumura C; Sugio S; Kohno T; Matsuzaki T (Reprint)
 CORPORATE SOURCE: Mitsubishi Kasei Inst Life Sci, 11 Minami Ooya, Tokyo 1948511, Japan (Reprint); Mitsubishi Kasei Inst Life Sci, Tokyo 1948511, Japan; Univ Tsukuba, Tsukuba Adv Res Alliance, Tsukuba, Ibaraki 3058572, Japan; Mitsubishi Chem Corp, Yokohama Res Ctr, Aoba Ku, Yokohama, Kanagawa 2278502, Japan
 COUNTRY OF AUTHOR: Japan
 SOURCE: ACTA CRYSTALLOGRAPHICA SECTION D-BIOLOGICAL CRYSTALLOGRAPHY, (NOV 2000) Vol. 56, Part 11, pp. 1464-1465.
 ISSN: 0907-4449.
 PUBLISHER: MUNKSGAARD INT PUBL LTD, 35 NORRE SOGADE, PO BOX 2148, DK-1016 COPENHAGEN, DENMARK.
 DOCUMENT TYPE: Article; Journal
 LANGUAGE: English
 REFERENCE COUNT: 18
 ENTRY DATE: Entered STN: 2000
 Last Updated on STN: 2000

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

AB Human tau-protein kinase I (TPK-I; also known as glycogen synthase kinase-3 beta, GSK-3 beta) is a serine/threonine protein kinase. Full-length TPK-I/GSK-3 beta was expressed in Escherichia coli as a fusion protein with a 6 x His tag at the C-terminus and was crystallized using

the hanging-drop vapour-diffusion method. Prismatic crystals of dimensions 0.4 x 0.2 x 0.1 mm were obtained using 12-15% (w/v) polyethylene glycol 6000 as a precipitant at 278 K. The crystals belong to the orthorhombic space group P2(1)2(1)2(1), with unit-cell parameters a = 82.9, b = 86.1, c = 178.1 Angstrom measured at 100 K, diffract to 2.3 Angstrom resolution and seem to contain two enzyme molecules per asymmetric unit.

=> d his full

(FILE 'HOME' ENTERED AT 15:01:56 ON 06 JUL 2006)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 15:02:15 ON 06 JUL 2006
SEA GSK? OR (GLYCOG? (S) SYNTH? (S) KINAS?)

59 FILE ADISCTI
142 FILE ADISINSIGHT
64 FILE ADISNEWS
143 FILE AGRICOLA
9 FILE ANABSTR
9 FILE ANTE
2 FILE AQUALINE
97 FILE AQUASCI
102 FILE BIOENG
4378 FILE BIOSIS
143 FILE BIOTECHABS
143 FILE BIOTECHDS
1285 FILE BIOTECHNO
277 FILE CABA
4317 FILE CAPLUS
5 FILE CEABA-VTB
794 FILE CIN
94 FILE CONFSCI
33 FILE DDFB
405 FILE DDFU
3508 FILE DGENE
249 FILE DISSABS
33 FILE DRUGB
1920 FILE DRUGMONOG2
600 FILE DRUGU
143 FILE EMBAL
3334 FILE EMBASE
2427 FILE ESBIODBASE
11 FILE FOMAD
7 FILE FROSTI
12 FILE FSTA
11420 FILE GENBANK
545 FILE IFIPAT
58 FILE IMSDRUGNEWS
88 FILE IMSPRODUCT
37 FILE IMSRESEARCH
158 FILE JICST-EPLUS
7 FILE KOSMET
1191 FILE LIFESCI
3411 FILE MEDLINE
28 FILE NTIS
22 FILE NUTRACEUT
8 FILE OCEAN
1252 FILE PASCAL
470 FILE PHAR
1009 FILE PHARMAML

27 FILE PHIC
 1660 FILE PHIN
 4368 FILE PROMT
 815 FILE PROUSDDR
 1 FILE PS
 4543 FILE SCISEARCH
 19 FILE SYNTHLINE
 1899 FILE TOXCENTER
 2714 FILE USPATFULL
 350 FILE USPAT2
 1 FILE VETU
 1 FILE WATER
 526 FILE WPIDS
 28 FILE WPIFV
 526 FILE WPINDEX
 13 FILE IPA
 5 FILE NAPRALERT
 1164 FILE NLDB

L1 QUE GSK? OR (GLYCOG? (S) SYNTH? (S) KINAS?)

 D RANK

FILE 'SCISEARCH, BIOSIS, PROMT, CAPLUS, MEDLINE, EMBASE, USPATFULL, ESBIOBASE, DRUGMONOG2, TOXCENTER' ENTERED AT 15:06:13 ON 06 JUL 2006

L2 33311 SEA GSK? OR (GLYCOG? (S) SYNTH? (S) KINAS?)
 L3 3685 SEA L2 (S) (HUMA? OR SAPIE?)
 L4 1732 SEA L3 (S) (BETA?)
 L5 103 SEA L4 (S) (TRUNC? OR VARIAN?)
 L6 14 SEA L5 (S) CRYST?
 L7 14 DUP REM L6 (0 DUPLICATES REMOVED)
 D TI L7 1-16
 L8 70 SEA L4(S) CRYST?
 L9 54 DUP REM L8 (16 DUPLICATES REMOVED)
 D TI L9 1-54
 D IBIB ABS L9 32 35 42 44 49 53

FILE HOME

FILE STNINDEX

FILE SCISEARCH

FILE COVERS 1974 TO 29 Jun 2006 (20060629/ED)

SCISEARCH has been reloaded, see HELP RLOAD for details.

FILE BIOSIS

FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
 FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 5 July 2006 (20060705/ED)

FILE PROMT

FILE COVERS 1978 TO 6 JUL 2006 (20060706/ED)

This file contains CAS Registry Numbers for easy and accurate
 substance identification.

FILE CAPLUS

Copyright of the articles to which records in this database refer is
 held by the publishers listed in the PUBLISHER (PB) field (available